

SAFETY AND BUILDINGS DIVISION
Plumbing Product Review
P.O. Box 2658
Madison, Wisconsin 53701-2658
TTY: Contact Through Relay

Jim Doyle, Governor Richard J. Leinenkugel, Secretary

January 8, 2009

CULLIGAN STORE SOLUTIONS, LLC LOIS BAKER 1030 LONE OAK RD., SUITE 110 EAGAN MN 55121-2215

Re: Description: WATER TREATMENT DEVICE- BOTTLED WATER VENDING MACHINE

Manufacturer: CULLIGAN STORE SOLUTIONS, LLC

Product Name: PREMIUM DRINKING WATER SYSTEM (COM)

Model Number(s): HB1050 AND RW3001 (BOTH USING THE RW50 TREATMENT SYSTEM) (COM)

Product File No: 20070369

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of January 2014.

This approval supersedes the approval issued on December 19, 2002 under product file number 20020415.

This approval is contingent upon compliance with the following stipulation(s):

- ➤ This product has undergone sufficient testing to document the product's ability to reduce only those contaminants and/or substances as specified in this approval letter when the product is installed and maintained in strict accordance with the manufacturers published instructions.
- Where the Department of Natural Resources (DNR) has jurisdiction, a written approval may be required prior to installation of this product in a water supply system to reduce the concentration of a contaminant that exceeds the primary drinking water standards contained in ch. NR 809, Wis. Admin. Code, the enforcement standards contained in ch. NR 140, Wis. Admin. Code, or for a water supply system that is subject to a written advisory opinion by the DNR. For more information contact the DNR Section of Private Water Systems, P.O. Box 7921, Madison, WI 53707, telephone (608) 266-3415.
- > A device used to detect increases in the total dissolved solids concentration must be installed on the product water line.
- ➤ If these approved devices are modified or additional assertions of function or performance are made, then this approval shall be considered null and void, unless the change is submitted to the department for review and the approval is reaffirmed.
- ➤ The drain line tubing installed in the horizontal direction must have continuous support; drain line tubing installed in the vertical direction must be supported every 4 feet.
- > The sump discharge pump must be installed so that the total dynamic head pressure does not exceed 32 feet.

Based on testing data submitted to and reviewed by the department, this approval recognizes that these plumbing products will reduce the concentration of contaminants as specified on pages 1 through 2 of this letter.

SBD-10564-E (N.10/97) File Ref: 07036901.DOC

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## AESTHETIC CONTAMINANT REDUCTION CAPABILITIES PRODUCT FILE NUMBER 20070369 TABLE 1 OF 1

Flow Rate: 91.7 gallons per hour (gph) [347 liters per hour (lph)]

Capacity: when the total dissolved solids (TDS) concentration in the treated water exceeds 25% of the

TDS concentration in the untreated water.

Tested Contaminant	Influent Challenge (mg/L) <sup>1</sup>
Total Dissolved Solids (NaCl)	1,950

**Other Conditions**: the contaminant reduction performance capabilities displayed for Table 1 of 1 were verified by testing conducted in accordance with section 900 of the National Automatic Merchandising Association (NAMA) "Standard for the Sanitary Design and Construction of Food and Beverage Vending Machines" (rev. 4/90). To qualify for TDS reduction, the device must reduce the influent challenge concentrations to  $\leq 250$  mg/L and render water of measurably improved quality relative to the raw untreated water.

- 1 = milligrams per liter (mg/L) are equivalent to parts per million (ppm)
- ≤ = less than or equal to

This device was tested under controlled laboratory, or field, conditions. The actual performance of this device for a specific end use installation will vary from the tested conditions based on local factors such as water pressure, water temperature and water chemistry.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Glen W. Schlueter
Engineering Consultant-Plumbing Product Reviewer
Bureau of Integrated Services
Safety and Buildings Division
Department of Commerce
(608) 267-1401 **Phone**(608) 267-9566 **Fax**glen.schlueter@wi.gov **Email**8:00AM – 4:30PM CST **Work Hours** 

GWS:gws